

ABSTRACT OF THE INVENTION

5 A system and associated communication protocol enables Internet
compatible applications to be integrated into any process involving concurrent
operation of applications. A system employed by a first application for supporting
concurrent operation of a plurality of network compatible applications involves an
entitlement processor for authorizing user access to the first application in response to
validation of user identification information. The system also involves a
10 communication processor for communicating a session initiation request to a
managing application to initiate generation of a session identifier particular to a user
initiated session and for use by a plurality of concurrently operating applications to
uniquely identify the user initiated session in response to validation of user
identification information. The managing application also initiates generation of an
15 encryption key particular to a user initiated session for common use by a plurality of
concurrently operating applications in encrypting data associated with a personal
record.

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